

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	("6177685" "6122419")[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:17
S3	2	3883221[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:16
S4	9	("4,904,039" "5,355,237" "5,559,912" "5,838,870" "5,844,822" "6,108,472" "6,222,951" "20020048422" "5,140,651")[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:18
S5	2	("4,904,039" "5,355,237" "5,559,912" "5,838,870" "5,844,822" "6,108,472" "6,222,951" "20020048422" "5,140,651")[pn] and simulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:18
S6	4	("5,878,175" "6,016,374" "6,208,773" "6,221,565" ) [pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:26
S7	1	5459799[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:29
S8	4	("6,316,281" "6,268,953" "6,242,324" "5,514,885")[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:34
S11	2	("20010031112" "20010031113")[pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:43

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S13	34	("6,177,685" "6,188,818" "6,166,846" "6,075,908" "6,122,419" "5,864,642" "5,872,360" "5,835,646" "5,696,862" "4,677,783" "5,638,469" "5,629,838" "5,625,729" "5,625,636" "5,605,856" "5,568,574" "5,502,779" "5,485,021" "5,434,434" "5,432,630" "5,400,419" "5,198,684" "5,159,700" "5,153,770" "5,061,027" "4,966,430" "4,939,793" "4,917,450" "4,871,224" "4,865,427" "4,761,620" "4,758,092" "4,695,120" "4,422,088") [pn]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 13:51
S16	56	S3 or S4 or S5 or S6 or S7 or S8 or S11 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/30 14:06
S18	0	integrated with optical with electronic same model\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:18
S19	87	integrated with optical with electronic same model\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:20
S20	1040	integrated with optical with electronic same model\$3 or "optoelectronic integrated circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:22
S21	86	"optoelectronic integrated circuit" and simulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:23
S22	1	"optoelectronic integrated circuit" and simulat\$4 and (free\$1carrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:26
S23	11625	"Fabry-Perot"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:26

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S24	1	electron\$4 same optica\$4 same integrated same circuit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:28
S25	22	electron\$4 same optica\$4 same circuit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:29
S26	1900	electron\$4 same optica\$4 same simulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:30
S27	70	electron\$4 same optica\$4 same simulat\$4 and soi	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:43
S28	108	(electron\$4 electric\$4) same optic\$5 same simulat\$4 and soi	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:46
S29	30	385/14[ccor] and simulat\$4 and soi	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:47
S30	1	385/14[ccor] and simulat\$4 and soi and @ad<"20010517"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:50
S31	1411	385/14[ccor]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:50
S32	470	385/14[ccor] and @ad<"20010517"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:51
S33	31	385/14[ccor] and @ad<"20010517" and simulat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:56

## EAST Search History

S34	1	385/14[ccor] and @ad<"20010517" and simulat\$ and soi	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/13 13:56
S38	95	716/20[ccor]	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/21 14:44

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A Cutolo... - Applied Physics Letters, 1997 - [die.unina.it](#)

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An **SOI** optical microswitch integrated with silicon waveguides andtouch-down micromirror actuators

YH Jin, KS Seo, YH Cho, SS Lee, KC Song, JU Bu - Optical MEMS, 2000 IEEE/LEOS International Conference on, 2000 - [ieeexplore.ieee.org](#)

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Silicon Mach-Zehnder waveguide interferometers operating at 1.3 $\mu$ m - all 3 versions »

GV Treyz - Electronics Letters, 1991 - [ieeexplore.ieee.org](#)

... Also, the improved circuit does not cause ... silicon electronics, long- wavelength integrated optical components2 and ... layer provided good optical confinement (n ...

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Fabrication of 64 $\times$  64 arrayed-waveguide grating multiplexer onsilicon - all 3 versions »

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A compact integrated InP-based single-phasar optical crossconnect - all 5 versions »

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PD Trinh, S Yegnanarayanan, B Jalali - Electronics Letters, 1995 - [ieeexplore.ieee.org](#)

... 19 October 1995 Long-wavelength multimode waveguide photodiodes suitable for

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Modeling optical microscope images of integrated-circuit structures - all 8 versions »

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... wave- guide model to calculate the optical images due ... Then the extended waveguide model is presented for the ... since most of the integrated-circuit materials are ...

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[book] Microstrip filters for RF/microwave applications - all 2 versions »

JS Hong, MJ Lancaster - 2001 - [doi.wiley.com](#)

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Optical Engineering, Professor ... 212 Chip capacitors, 420 Circuit analyses, 274 ...

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U Fischer, T Zinke, B Schuppert, K Petermann - Electronics Letters, 1994 - [ieeexplore.ieee.org](#)

... 1 x3 integrated optical branching circuit as a ... are important and essential components in integrated optical systems as ... For the 1 x3 optical branching waveguide ...

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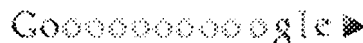
Singlemode 1 $\times$  3 Integrated optical branching circuit designusing microprism - all 3 versions »

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... Fig. 3. (a) 1 2 8 MMI splitter BPM simulation. ... [18] T. Tsuchiya, K. Ohno, and J. Sato, "A study of optical functional integrated circuit that uses ...

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Fabrication of 4×4 tapered MMI coupler with large crosssection - all 3 versions »

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Demonstration of all-optical switching in a symmetric Mach-Zehnderinterferometer - all 4 versions »

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MEMS Technology Propels Telecom Systems Toward An All-Optical Network

R Allan - ELECTRONIC DESIGN-NEW YORK THEN HASBROUCK HEIGHTS-, 2001 - [elecdesign.com](#)

... ve designed, built, and packaged your MEMS optical circuit, it must ... Customers can obtain prototype integrated versions of micromachined optical MEMS switches ...

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Fabrication and direct transmission measurement of high-aspect-ratio two-dimensional silicon-based ... - all 10 versions »

Y Xu, HB Sun, JY Ye, S Matsuo, H Misawa - J. Opt. Soc. Am. B, 2001 - OSA

... utilizing 2D PhCs for planar integrated photonic devices ... tical waveguide or the whole circuit can be ... fun- damental aspects of PhC optical-photonic properties ...

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